

Work Order ID 109475

109475

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November-21-13 2:28:42 PM

Item ID:	D3949-041	Accept	*N900040100*	Setup	Start	*NS1*		
Revision ID:				Stop		*NS2*		
Item Name:	Remove Before Flight Flag Assembly							
Start Date:	11/20/13	Start Qty:	8.00	*8*	Cust Item ID:			
Required Date:	11/21/13	Req'd Qty:	8.00	*8*	Customer:			
Reference:					Run	Start	*NR1*	
Approvals:	Process Plan: <u>MLJ</u>	Date: <u>13-11-22</u>	Tooling:		Date:		Stop	*NR2*
	QC: _____	Date: _____	SPC (Y/N):		Date: _____			

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3949	A								

100

100

Purchasing

Purchasing

Memo

Issue P/O: 22170

Manufacture as per Dwg D3949-041

Supplier: Tulmar

Certificate of conformity is required

CD 13/11/25 (8)

110

110

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

Memo

0.00

F 3/2/16 (8)

DQA:

Date: _____



QA Closed:

Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only

Work Order: _____	DISPOSITION				AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
	Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>						
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Design										
Doc/Data										
Equip/Tooling										
Handling/Pre										
Material										
Operator										
Offset/Setup										
Process										
Supplier										
Training										
Transport										
Unapproved										
FAULT CATEGORY										
Landing Gear	General									
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>					
	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>					
	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>					
	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>					
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>					
	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>						
	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>					
	Inspection Strip in Tube <input type="checkbox"/>	Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>							
	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>							
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>							
	Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>							

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Revision ID:					Stop	*NS2*	
Item Name:	Remove Before Flight Flag Assembly						
Start Date:	11/20/13	Start Qty: 8.00	*8*	Cust Item ID:			
Required Date:	11/21/13	Req'd Qty: 8.00	*8*	Customer:			
Reference:							
Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00	SMD B12/C			8			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: ST494 Memo	0.00 0.00				8X	DAS 28 9.00	13-12-9	
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							13/12/10

JLm 13/12/10
PLB 09

DQA:

Date:



QA Closed:

Date:

WORK ORDER NON-CONFORMANCE / UPDATE

Work Order update only

Work Order:	DISPOSITION				AGAINST DEPARTMENT/PROCESS				
Part No.	Rework	Skid-tube	Crosstube	Water Jet	Engineering				
NCR No.	Scrap	Machining	Small Fab	Prod. Eng. Coor.	Quality				
	Use-as-is	Thermoforming	Finishing	Rec/Store/Packaging	Other				
	Suspected Unapproved	Large Fab	Composite	Supplier					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									
FAULT CATEGORY									
Landing Gear	General								
	Bending	Bend	Folio/Program	Outside Dimensions					Pressure/Forced
	Centre Not Concentric	BOM/Route	Grain	Over/Under tolerance					Set-up
	Cracks	Broken/Damage/Defect	Hardware	Part Incorrect					Temperature/Cure
	Crimp/Kink/Ripple/Wave	Burrs	Inspection Incomplete/Unqualified	Part Lost/Missing					Weld
	Cuffs	Contamination	Instructions Incomplete/Unclear	Part Moved					Wrong Stock Pulled
	Crushing	Countersink	Misaligned/off center	Positioned Wrong					
	Heat Treat	Cut Too Short	Mislabeled	Power Loss/Surge					Other
	Inspection Strip in Tube	Drawing	Misread						
	Marks/Chatter	Drill Holes	Off-set						
	Turning Sequence	Finish	Out of Calibration						
	Wave/Twist in Tube	Fit/Function	Out of Sequence						

Picklist Print

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Work Order ID: 109475

Parent Item: D3949-041

Parent Item Name: Remove Before Flight Flag Assembly

Start Date: 11/20/13

Required Date: 11/21/13

Start Qty: 8.00

Required Qty: 8.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3949-041P Remove before Flight Flag Assembly		Purchased	No			110	Each	0.0000	1	8		11/21/13	Open

DQA:

Date:



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only
DISPOSITION
Rework Scrap Use-as-is Suspected Unapproved Skid-tube Machining Thermoforming Large Fab
AGAINST DEPARTMENT/PROCESS
Crosstube Small Fab Finishing Composite Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier Engineering Quality Other

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	Bending	General	Folio/Program	Outside Dimensions	Pressure/Forced
	Centre Not Concentric		Grain	Over/Under tolerance	Set-up
	Cracks		Hardware	Part Incorrect	Temperature/Cure
	Crimp/Kink/Ripple/Wave		Inspection Incomplete/Unqualified	Part Lost/Missing	Weld
	Cuffs		Instructions Incomplete/Unclear	Part Moved	Wrong Stock Pulled
	Crushing		Misaligned/off center	Positioned Wrong	
	Heat Treat		Mislabeled	Power Loss/Surge	Other
	Inspection Strip in Tube		Misread		
	Marks/Chatter		Off-set		
	Turning Sequence		Out of Calibration		
	Wave/Twist in Tube		Out of Sequence		

8 7 6 5 4 3 2 1

ITEM No.	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
1	X		D3949-041	REMOVE BEFORE FLIGHT FLAG ASSY
		X	D3949-043	GROSS WEIGHT TOWING CABLE FLAG ASSY
11	A/R	A/R	CLOTH	PVC COATED NYLON RED (PER SUPPLIER)
12	A/R	A/R	THREAD	PVC COATED NYLON RED (PER SUPPLIER)
13	A/R	A/R	GROMMET	BRASS PER SUPPLIER
14	A/R	A/R	LETTERING	WHITE PER SUPPLIER

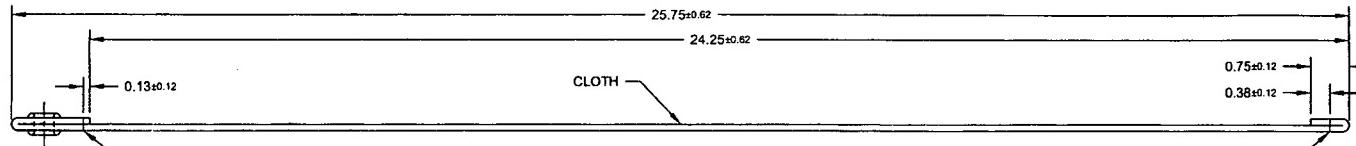
SPECIFICATION CONTROL DRAWING

D D

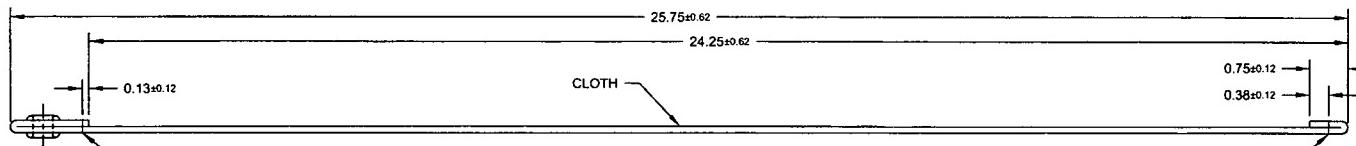
C C

B B

A A



D3949-041 REMOVE BEFORE FLIGHT FLAG ASSEMBLY



D3949-043 GROSS WEIGHT TOWING CABLE

RELEASED
09/05/28 MJS

A	NEW ISSUE		AJS	09.05.14
REV.	DESCRIPTION		BY	DATE
DESIGN	AJS			
DRAWN	A/S			
CHECKED	<i>MJS</i>		DRAWING NO.	REV. A
MFG. APPR.			D3949	SHEET 1 OF 1
APPROVED	<i>MJS</i>		TITLE	SCALE
DE APPR.	<i>MJS</i>		FLAG ASSEMBLY (SCD)	NTS
DATE	09.05.14		COPYRIGHT © 2009 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

109475MLJ
13-11-22



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO22170**

Purchase Order Date 11/25/2013

PO Print Date 11/25/2013

Page Number 1 of 1

Order From : VC-TUL001

TULMAR SAFETY SYSTEMS
1123 CAMERON ST
HAWKESBURY, ON K6A 2B8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

EXPIRED
08/13/11/25

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Customer POID	
	Customer Tax #	10127-2607
Ship To Contact	Terms	Net 30
Ship To Phone	Currency	CAD
Ship Via:	FOB	FCA - (Free Carrier)
Ship Acct:		

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3949-041P	Remove before Flight Flag Assembly	12/13/2013	Yes	8.00 Each	\$14.00	\$112.00
			12/13/2013				

AS PER DWG D3949 REV. A
B109475

Line Total: \$112.00

PO Total: \$112.00

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required YES NO
PST# 6122-5207

Change Nbr:

1

Change Date: 11/25/2013

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.
1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
MID : XOTULSAF1123HAW
email: info@tulmar.com

Packing Slip No.

50279

Ship Date

5-Dec-13

Bill To:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Ship to:

Dart Aerospace
1270 Aberdeen Street
Tel: 613-632-9577
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager	
PO number		CDART100	Helena Vandeweerd	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
8972-001	26-Nov-13	CDART100	Helena Vandeweerd	
		Ship Via	Shipping Terms	
		Pick-Up	FOB HAWKESBURY	
Description				

31303 26-Nov-13 CDART100 Helena Vandeweerd

PO22170

Ship Via

Shipping Terms

Pick-Up

FOB HAWKESBURY

Item No.

Quantity ordered

UOM

Qty Shipped/Returned

Quantity on back order

8972-001 8 EA 8

Strap, Colour Red, 25³/₄" Long x/2" Wide, "Remove Before Flight"

Drawing No: D3949 (p/n D3949-041 Rev A)

DWG Rev: A

LN 1

Lot No: BATCH0000000008 Qty: 8

Shipper

Norm L'Amour

Date:

DEC 05 2013

Certificate of Conformance

See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

René L. L'Amour

Date:

DEC 05 2013



cansew inc.

formerly / anciennement
Canadian Sewing Supply Ltd. / Liée - established / établie 1924

Manufacturers of sewing threads. / Wholesalers of élastics, Velcro, tapes, trimmings.
Fabricants de fils à coudre. / Grossistes d'élastiques, Velcro, galons, garnitures.

27 September 2011

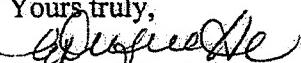
Tulmar Safety Systems
1123 Cameron Street
Hawkesbury, Ontario
K6A 2B8

Att. Sandra Nadeau

CERTIFICATE OF COMPLIANCE

This is to certify that the item mentioned below, shipped to Tulmar Safety Systems by CANSEW INC. on 27 September 2011, has been produced in accordance with the requirements of your Purchase Order no. 21401-00 of 26 September:

-Thread, nylon, CBB69, colour #51 (red), V-T-295, type 2, class A, size E – 9.72 lb, lot # 1644502

Yours truly,

Herschie Schachter
CANSEW INC.

TSS # 2532/04. (S)

MONTRÉAL - Head Office/Siège social
111 Chabanel W/O H2N 1C9
Administration (514) 382-2807
Commandes/Orders (514) 382-2801
1-800-361-7722
FAX: (514) 385-5530

TORONTO
28 Apex Rd. M6A 2V2
(416) 782-1122
1-800-387-8584
FAX: (416) 782-8358

WINNIPEG
1674 Church Ave R2X 2W9
(204) 942-4264
1-800-665-0701
FAX: (204) 947-9280

CALGARY
3932 - 29th St. N.E. T1Y 6B6
(403) 291-4494
1-800-667-4197
FAX: (403) 291-5139

VANCOUVER
1615 Venables St. V5L 2H1
(604) 682-4341
1-800-580-0737
FAX: (604) 682-4196

info@cansew.ca

www.cansew.ca

THE

DISCOVERY/LANCER GROUP

1-145 Riviera Drive, Markham Ontario L3R-5J6
Tel: 905-470-0744 Fax: 905-470-9454

Certificate of Compliance

DATE: JAN. 24th 2013

OUR PROD. NO.: 11021 (1012G)

CUSTOMER P/O NO.: 24717-00

CUSTOMER: Tulmar Safety Systems Inc.

PRODUCT: TW MULTI PLASTIC INK

QTY. SHIPPED: 2

LOT NO.: 072811001X2

ROLL NO.: —

MANUFACTURING DATE : JULY 28 2011

SHELF-LIFE : 5 yrs.

We certify that the product,

11021 WHITE

TW MULTI PLASTIC INK

was manufactured, inspected and conforms to specifications
applicable to the product.

Signature: B. Bailey

Title: SHIPPER

TSS #7306-002/16

0602-209-879 F2.10T 2002/PB/T7



THE

DISCOVERY/LANCER GROUP1-145 Riviera Drive, Markham Ontario L3R-5J6
Tel: 905-470-0744 Fax: 905-470-9454**Certificate of Compliance**

DATE:

APRIL 27th 2012

OUR PROD. NO.:

TW-1091-4

CUSTOMER P/O NO.:

23118-00

CUSTOMER:

Tulmar Safety Systems Inc.

PRODUCT:

TW MULTI PLASTIC RETARDER

QTY. SHIPPED:

4 LITRES

LOT NO.:

301330

ROLL NO.:

MANUFACTURING DATE :

2010

SHELF-LIFE :

5 yrs.

We certify that the product,

TW-1091-4TW MULTI PLASTIC RETARDER

was manufactured, inspected and Conforms to specifications applicable to the product.

Signature: Ron FletcherTitle: SHIPPER

TSS 7306-RET 3# 10

6887-288-879

EZ:0T ZZZZ/PA/TT



J. ENNIS FABRICS

October 26, 2012

Fax To: Tulmar Safety Systems
Fax: 613-632-2030
Attention: Meagan
Fax From: Susan Nolan

Certificate of Conformance

Re: PO 24209-00 Sportlight 11 Red

The goods shipped on P/O 24209-00 are as per sampled goods. Specification as follows:
As per mill documentation, Sportlight 11 Red is in compliance with the following standards:

Width: Product is 58 inches wide.
Roll Size: Average roll length is 50 yards.
Weight: Product weight is 21.18 ounces per lineal yard. Product weight is 13.15 ounces per square yard.
Content: 100% Nylon
Coating: Product has a Polyvinyl Chloride Coating
Denier: 420 Denier
Thread Count: Construction is 48 x 34 threads per square inch.
Protective Finish: Product is water repellent.
Hydro Resist: Product has hydro-resistant properties. AATCC 127-1988: 5000mm
Breaking: CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 408 lbs, Weft: 304 lbs
Tearing: CAN 2-4.2-M77 Method 12.3 Pendulum: Warp: 25 lbs. Weft: 17.5 lbs
Elongation: CAN 2-4.2-M77 Method 9.2 C.R.E. Grab: Warp: 58%, Weft: 51%
Cold Crack: Cold Crack is -20 degree Celsius
Cautions: Not dimensionally stable with temperature change. Product fades with prolonged U.V. Exposure. PVC can crack or peel with exposure to extreme cold or solvents. Nylon is not suitable for boat tops, travel covers, tonneau covers or other outdoor applications.

Manufacture Date: 10/28/11

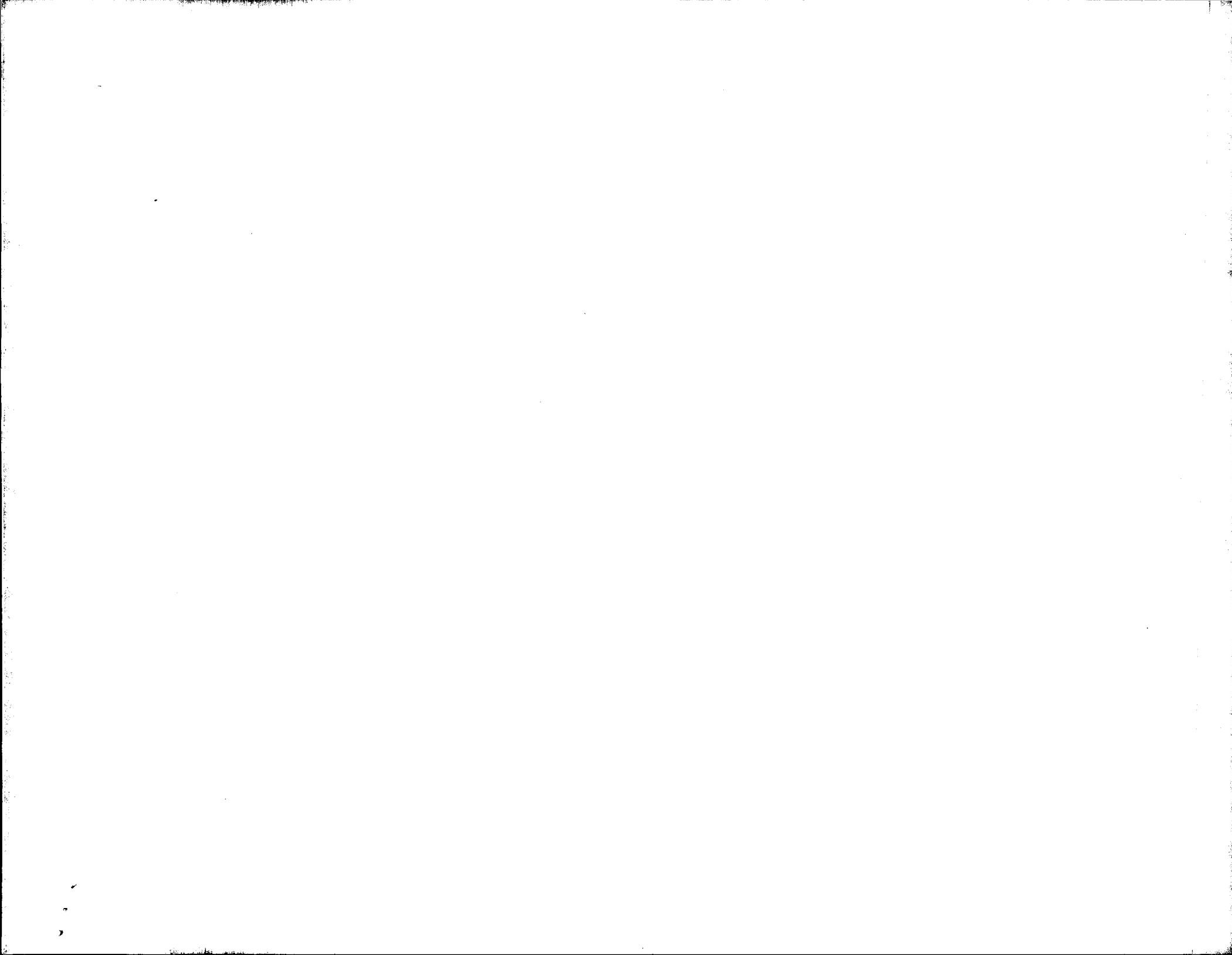
Lot Number: 402933

Sincerely,
J. Ennis Fabrics Ltd.

S Nolan

Susan Nolan
Customer Service Centre Specialist

Sa
BS #1738/06



LORD & HODGE, Inc.
Grommets • Snap Fasteners • Vacu-Vises™
P.O. Box 737, Middletown, CT 06457-0737
TEL (860) 632-7006 FAX (860) 632-2192
Web: www.lordandhodge.com
E-mail: customerservice@lordandhodge.com

WE CERTIFY THAT MATERIAL SUPPLIED ON:

PACKING LIST #: 84640

DATED: NOVEMBER 3, 2006

P.O. #: 11975

SOLD TO: TULMAR SAFETY SYSTEMS

QUANTITY: 35 GROSS

IS IN ACCORDANCE WITH SPECIFICATIONS: #1 GROM.& WASH.-BRASS

 
Signature Title

— # 4221/05 (S)